# Subject Index


A

*Acacia*
  self-incompatibility
    quantitative analysis, 240
β-Actin gene
  chromosomal localization of chicken sequences, 475
*Aedes aegypti*
  black tarsomere allele
    Island of Grand Comoros, 403
*Aedes triseriatus*
  lethal loci in inbred strains
    isozyme polymorphisms, 53
*Aeropedellus clavatus*
  *see* Grasshopper
*Aeschynomene americana*
  photoperiodic and day-neutral flowering, 327
Alcohol dehydrogenase-1
  anaerobic tolerant null mutant
    maize, 316
Alfalfa
  mutable allele, 407
  plastid inheritance
    influence of parental genotype, 214
Allele
  black tarsomere
    *Aedes aegypti*, 403
  *ms6* male-sterile soybean
    genetics and cytology, 304
  mutable
    alfalfa, 407
  mutant frequencies
    western Illinois and eastern Iowa, cat, 332
  null
    diaphorase activity, North American oat cultivars, 501
  quantitative analysis of self-compatibility
    seven species of *Acacia*, 240
  test of isoallele hypothesis
    *first arch* locus, mouse, 127
Allozyme
  apple maggot fly
    inheritance, linkage relationships, 277
  variation and differentiation
    African and Indian rhinoceroses, 377
Aneuploids
  soybean
    morphological discrimination, 209
*Anopheles quadrimaculatus*
  recombination
    X and Y chromosomes, 496
  species A
    EMS-induced mutations, 58
*Arabidopsis thaliana*
  *Eceriferum* mutants
    genetic and phenotypic description, 118
*Arabis holboellii*
  evidence for apomixis, 506

B

Baldness
  hereditary congenital
    sex-linked trait, domestic fowl, 493
Barley
  callus proliferation and shoot differentiation, 345
  linkage drag in backcross breeding, 234
  triticale and
    meiotic study of hybrids, 460
Bateson, William
  Toronto addresses of 1921, 91, 96
Bean
  EMS-induced mutants
    nitrate-tolerant supernodulation, 486
  segregation and linkage of genes
    seed proteins, isozymes and morphological traits, 455
Beet
  root and petiole pigmentation
    inheritance, 33
Betalain
  inheritance of root and petiole pigmentation
    red table beet, 33
Book reviews
  *The Prevention and Avoidance of Genetic Disease*, 342
  *Toward a New Philosophy of Biology: Observations of an Evolutionist*, 169
  *The Evolution of Individuality*, 417
  *Evolutionary Biology*, 168
  *Origin of Cultivated Rice*, 170
  *Proceedings of the Second International Conference on Quantitative Genetics*, 416
Brant
  wintering populations
    genetic variability, 160
Bristles
  extra
    chromosome inversions in natural populations, *Drosophila melanogaster*, 193
Bumblebee
  male and female
    differential size variation, 39

C

Calyx
  leafy
    chili pepper, 80
Canids
  sympatric
    genetic and morphological divergence, 447
*Capsicum annuum*
  *see* Chili pepper
Caryophyllaceae
  *Stellaria longipes*
    gene duplication of isozymes, 112
Cat
  American curl, 474
  western Illinois and eastern Iowa
    mutant allele frequencies, 332
Chicken
  IgG and IgM responses
    high- and low-antibody selected lines, 248
Chili pepper
  leafy calyx, 80
Chromosome 7
  β-globin gene cluster
    goat, 246

Chromosome 15
β subunit of follicle-stimulating hormone, 401
Chromosome 16
mouse
mapping of *PRM1* to human chromosome 16, 442
Chromosomes
different races
cytogenetics and reproductive behavior, *Paspalum*, 24
duplicated plastid and triplicated cytosolic isozymes
triosephosphate isomerase, maize, 218
high-resolution analysis
phylogenetic relationships, *Sorex araneus-arcticus*, 284
inversions
natural population, *Drosophila melanogaster*, 193
EMS-induced mutations
*Anopheles quadrimaculatus* species A, 58
linkage drag in backcross breeding
barley, 234
localization of chicken sequences
β-actin gene, 475
morphological discrimination
aneuploids of soybean, 209
separation
somatic pairing, root-tip cells of sorghum, 159
skepticism
Bateson's Toronto addresses of 1921, 91
*Clavibacter michiganense*
genetic studies in maize, 351
Clover, red
genetics of nonglandular stem trichomes, 472
*Cochliomyia hominivorax*
*see* Screwworm
Cocoa
ploidy level, 464
Color
dominant white testa
inheritance, peanut, 155
lemma
inheritance of phenotypic traits, téf, 62
mutations
corn snake, 272
orange pericarp in maize
filial expression, maternal tissue, 229
seed
inheritance of phenotypic traits, téf, 62
sex-linked diapause and allozyme loci
*Papilio glaucus*, 179
snakeskin pattern
inheritance, guppy, 393
Complements
synaptonemal complex
method for production, lily and mouse, 197
Computer programs
BASIC
calculation of *F* statistics, 341
calculation of genetic effects, generation means analysis, 167
construct evolutionary trees, restriction endonuclease data, 254
general program in Pascal
biometrical genetic analysis of means, 166
INDCULL version 3.0
independent culling, two or more traits, 166
RFSIZE
BASIC program, DNA fragment size with a digitizer, 254
SAS program
stability calculation, variance parameters, 415
Corpus callosum
retarded forebrain commissure development
inheritance, mice, 11
Cotton
inheritance of undulate leaf mutant, 482
$Le_2^{dav}$ complementary lethality system
intracellular interaction, 100
rex mutant
genetic analysis, 78
*Cryptomeria japonica*
needle tissues
genetic control, isozyme variation, 291
*Cucurbito pepo*
*see* Squash
Culm
length
inheritance, rye, 504
*Cuphea*
interspecific hybrids
cytogenetic analysis, 329
Cytochrome *c* oxidase
mitochondrial
maternal inheritance, mouse, 132
Cytogenetics
interspecific hybrids
*Cuphea*, 329
reproductive behavior and
different chromosome races, *Paspalum*, 24
Cytology
*ms6* male-sterile soybean, 304
Cytoplasm
male sterile and male fertile
mitochondrial genome, *Daucus carota*, 143
Cytosol
triplicated isozymes
triosephosphate isomerase, maize, 218

D

*Daphnia obtusa*
genetic load and linkage analysis
cyclical parthenogen, 6
*Daucus carota*
mitochondrial genome
male sterile and male fertile cytoplasm, 143
DNA
mitochondrial
restriction endonuclease patterns, sorghums, 322
paternal chloroplast
inheritance in diallel cross, jack pine, 483
sequence level
genetic diversity, pearl millet, 203
*Drosophila*
sibling species
Laguna Verde, Mexico, 44
*Drosophila melanogaster*
natural populations
chromosome inversions, frequency of extra bristles, 193
sexual maturation in females
hybridization with *D. simulans* males, 157
*Drosophila sulfurigaster*
inversion polymorphism
linkage disequilibrium, 488

E

*Eceriferum*
mutants in *Arabidopsis thaliana*
genetic and phenotypic description, 118
*Elaphe guttata guttata*
color mutations, 272
Electrophoresis
genetic control of isozyme variation
needle tissues, *Cryptomeria japonica*, 291
Enzyme
hypothesis
origins of the gene, 503
Esterase
locus
genetic linkage tests, soybean, 82
Ethyl methanesulfonate
-induced mutations
*Anopheles quadrimaculatus* species A, 58
Ethyl methylsulfonate
-induced mutants of common bean
inheritance, nitrate-tolerant supernodulation, 486
Evolution
faith in
Bateson's Toronto addresses of 1921, 91

F

Fertility
male
regulation of sex differentiation, *Mercurialis annua*, 104
Flowering
photoperiodic and day-neutral
*Aeschynomene americana*, 327
Fluorescence
counterstain-enhanced
microchromosome characterization, quail karyotype, 147
Fly
mutant flesh
failure to retract ptilinum, 71
*Rhagoletis pomonella*
inheritance, linkage relationships, 277
Follicle-stimulating hormone
gene for $\beta$ subunit
mapping to bovine chromosome 15, 401
Forebrain
retarded commissure development
inheritance, mice, 11
Fowl, domestic
hereditary congenital baldness
sex-linked trait, 493

G

Gene
origins of
enzyme hypothesis, 503
Genetic load
linkage analysis and
cyclical parthenogen, *Daphnia obtusa*, 6
Glaucoma
environmentally induced
heritable susceptibility, Japanese quail, 268
$\beta$-Globin
gene cluster
mapping to region of chromosome 7, goat, 246
*Glycine max*
*see* Soybean
Goat
G-banded karyotype and idiogram, 150
$\beta$-globin gene cluster
mapping to region of chromosome 7, 246
Goss's bacteria
wilt and blight
resistance in maize, 351
*Gossypium*
$Le_2^{dav}$ complementary lethality system
intracellular interaction, 100
Grasshopper
Alpine
genetic variation among populations, 186
Guinea pig
recessive rex coat mutants, 163
Guppy
inheritance
snakeskin color pattern, 393

H

Hair
recessive rex coat mutants
guinea pig, 163
Heterochromatin
*Nicotiana tabacum*
cytological observations, 74
*Heuchera micrantha*
tetrasomic inheritance, 123
*Hordeum spontaneum*
*H. vulgare* crosses
genetic control, triplicate esterase 4 locus, 70
*Hordeum vulgare*
*see* Barley
Horse
Arabian
white facial markings, multifactorial inheritance, 173
Hybrid necrosis
$Le_2^{dav}$ complementary lethality system
intracellular interaction, *Gossypium*, 100
Hybrids
interspecific
cytogenetic analysis, *Cuphea*, 329
Hybrid zone
sex-linked diapause and color
allozyme loci, *Papilio glaucus*, 179
Hymenoptera
male and female bumblebees
differential size variation, 39

I

Immunoglobulin G
IgG and IgM responses and
high- and low-antibody selected lines, chicken, 248
Isoalleles
test of hypothesis
*first arch* locus, mouse, 127
Isozymes
duplicated plastid and triplicated cytosolic
triosephosphate isomerase, maize, 218
genetic control of variation
needle tissues, *Cryptomeria japonica*, 291
loci in lentil
linkage relationships, 298
phosphoglucomutase
crossing and selfing methods, *Uromyces appendiculatus*, 337
segregation and linkage of genes
bean, 455

J

Jackals
sympatric canids
genetic and morphological divergence, 447

K

Kanamycin
liposome-mediated transformation
genetic analysis, transgenic tobacco plants, 361

L

Leaf
undulate mutant
inheritance, cotton, 482
Leaf spot
resistance
inheritance, pearl millet, 145
Lectin
segregation and linkage of genes
seed proteins, bean, 455
Legume
*Rhizobium* association
altruistic model, 335
Lentil
inheritance
new qualitative genes, 320
morphological and isozyme loci
inheritance, linkage relationships, 298
Lily
method for producing synaptonemal complex complements, 197
Linkage
disequilibrium
inversion polymorphism, *Drosophila sulfurigaster*, 488
drag in backcross breeding
barley, 234
group IV
tremulous body mutant gene zitter, rat, 383
map
new genetic markers, screwworm, 425
morphological and isozyme loci
lentil, 298
relationships
inheritance, apple maggot fly, 277
Liposome
-mediated transformation
genetic analysis, transgenic tobacco plants, 361
Locus
esterase
genetic linkage tests, soybean, 82
*first arch*
isoallele hypothesis, mouse, 127
morphological and isozyme
linkage relationships, lentil, 298
triplicate esterase 4

genetic control, *Hordeum spontaneum* X *H. vulgare* crosses, 70
X-chromosomal
inbreeding and coancestry, covariance between relatives, 137

M

Maize
anaerobic tolerant null, 316
inbreds and genotypes
discrimination, monoclonal antibodies to zein, 17
kernel phytic acid levels
recurrent selection, protein and oil, 311
orange pericarp
filial expression, maternal tissue, 229
resistance to Goss's bacterial wilt and blight, 351
triosephosphate isomerase
duplicated plastid and triplicated cytosolic isozymes, 218
Malic enzyme
segregation and linkage of genes
seed proteins, bean, 455
Maternal inheritance
mitochondrial cytochrome *c* oxidase
mouse, 132
*Medicago sativa*
*see* Alfalfa
Meiosis
somatic
chromosome separation, root-tip cells of sorghum, 159
2-Mercaptoethanol
IgG and IgM responses
high- and low-antibody selected lines, chicken, 248
*Mercurialis annua*
regulation of sex differentiation
male fertility, 104
Microchromosomes
characterization
quail karyotype, 147
Microphthalmia
recessive mutation
Norway rat, 76
Mitochondria
cytochrome *c* oxidase activity
maternal inheritance, mouse, 132
genome of *Daucus carota*
male sterile and male fertile cytoplasm, 143
Monkey
Y-autosomal translocations
molecular evidence, 259
Monoclonal antibodies
zein
discrimination of certain maize inbreds, genotypes, 17
Mosaic virus
stem-tip necrosis reaction
soybean, 400
Mosquitofish
eastern
inheritance, melanistic pigmentation, 387
Mouse
*first arch* locus
test, isoallele hypothesis, 127
juvenile growth rate
genetic control, 264
method for producing synaptonemal complex complements, 197
mitochondrial cytochrome *c* oxidase activity
maternal inheritance, 132
retarded forebrain commissure development
inheritance, 11
Mutants
orange pericarp in maize
filial expression, maternal tissue, 229
recessive rex coat
guinea pig, 163
Mutations
color
corn snake, 272
EMS-induced
*Anopheles quadrimaculatus* species A, 58
recessive
imperforate vagina, mice, 478
test of isoallele hypothesis
*first arch* locus, mouse, 127

N

*Nicotiana tabacum*
heterochromatin
cytological observations, 74
Nitrate
-tolerant supernodulation
EMS-induced mutants, bean, 486
Nodulation
new nonnodulation gene
soybean, 357

O

Oat
North American cultivars
null allele, diaphorase activity, 501
*Oenothera*
thylakoid polypeptides
plastid inheritance, 412
Oil
recurrent selection
maize kernal phytic acid levels, 311
Oleic acid
high
inheritance, peanut, 252

P

Panicle
form
inheritance of phenotypic traits, téf, 67
*Papilio glaucus*
sex-linked diapause and color
allozyme loci, linkage analysis, 179
Parthenogen
cyclical
genetic load and linkage analysis, *Daphnia obtusa*, 6
*Paspalum*
different chromosome races
cytogenetics, reproductive behavior, 24
*Pastinaca sativa*
seed chemistry and morphology, 404
Peanut
dominant white testa color
inheritance, 155
inheritance of high oleic acid, 252
Pearl millet
accessions
inheritance, *Pyricularia grisea* resistance, 499
genetic diversity
DNA sequence level, 203
inheritance
*Pyricularia grisea* leaf spot resistance, 145
*Pennisetum glaucum*
*see* Pearl millet
Pericarp
orange
maize, maternal tissue, 229
Petiole
pigmentation
inheritance, red table beet, 33
*Phaseolus*
interspecific crosses
isozyme banding patterns, embryo development, 29
*Phaseolus vulgaris*
*see* Bean
Phosphoglucomutase
isozymes
crossing and selfing methods, *Uromyces appendiculatus*, 337
Phylogeny
relationships of *Sorex araneus-arcticus* species
high-resolution chromosome analysis, 284
Phytic acid
maize
recurrent selection, protein and oil, 311
Pigmentation
melanistic
inheritance, eastern mosquitofish, 387

Pine
paternal chloroplast DNA inheritance
diallel cross, 483
Plastid
duplicated
triosephosphate isomerase, maize, 218
inheritance
influence of parental genotype, *Medicago sativa*, 214
*Poecilia reticulata*
*see* Guppy
Polymorphism
inversion
linkage disequilibrium, *Drosophila sulfurigaster*, 488
isozyme
lethal loci in inbred strains, *Aedes triseriatus*, 53
juvenile growth rate in mice
genetic control, 264
restriction-fragment-length
DNA sequence level, pearl millet, 203
Population
genetic variation
Alpine grasshopper, 186
natural
chromosome inversions, *Drosophila melanogaster*, 193
Potato
comparison of 2*n* and non-2*n* pollen-producing haploid
wild species hybrids, 468
Protamines
tight linkage of *Prm-1* and *Prm-2*
*PRM1* mapping to human chromosome 16, 442
Protein
recurrent selection
maize kernel phytic acid levels, 311
Ptilinum
failure to retract
mutant flesh fly, 71
Pupa
optimum and desired-gains indexes
experimental test, *Tribolium castaneum*, 48
*Pyricularia grisea*
inheritance of leaf spot resistance
pearl millet, 145
inheritance of resistance
pearl millet accessions, 499

Q

Quail
Japanese
heritable susceptibility, environmentally induced glaucoma, 268
morphological mutation, throat tuft, 433
karyotype
microchromosome characterization, 147

R

Rat
assignment of tremulous body mutant gene zitter
linkage group IV, 383
Norway
microphthalmia, recessive mutation, 76
Reproduction
cytogenetics and
different chromosome races, *Paspalum*, 24
multiple parentage in broods
house wrens, 1
Rex mutant
cotton
genetic analysis, 78
*Rhagoletis pomonella*
allozymes
inheritance, linkage relationships, 277
Rhinoceros
African and Indian
allozyme variation, differentiation, 377
*Rhizobium*
legume association
altruistic model, 335
Ribulose bisphosphate carboxylase
segregation and linkage of genes
seed proteins, bean, 455
Root
petiole pigmentation and
inheritance, red table beet, 33
Rye
inheritance of culm length, 504

S

*Sarcophaga crassipalpis*
unicorn mutant
failure to retract ptilinum, 71
Saxifragaceae
*Heuchera micrantha*
tetrasomic inheritance, 123
Screwworm
new genetic markers
preliminary linkage map, 425
*Secale cereale*
*see* Rye
Seed
chemistry and morphology
*Pastinaca sativa*, 404
embryo development and isozyme banding patterns
interspecific crosses, *Phaseolus*, 29
green coat
additional genes, soybean, 86
Self-incompatibility
quantitative analysis
seven species of *Acacia*, 240
*Zinnia angustifolia*, 368
Sex-linked diapause and color
allozyme loci, *Papilio glaucus*, 179
Sex differentiation
regulation
male fertility, *Mercurialis annua*, 104
Sexual maturation
*Drosophila melanogaster* females
hybridization with *D. simulans* males, 157
Snake
corn
color mutations, 272
Somatic cells
mapping of bovine somatostatin gene, 410
Somatostatin
bovine gene
somatic cell mapping, 410
*Sorex araneus-arcticus*
phylogenetic relationships
high-resolution chromosome analysis, 284
Sorghum
mitochondrial DNA restriction endonuclease patterns, 322
root-tip cells of regenerated plants
somatic pairing, chromosome separation, 159
Soybean
aneuploids
morphological discrimination, 209
esterase locus
inheritance, genetic linkage tests, 82
green seed coat
additional genes, 86
*ms6* male-sterile
genetics and cytology, 304
nonnodulation gene, 357
stem-tip necrosis reaction
mosaic virus, 400
Squash
fruit striping
complementary genes, 490
*Stellaria longipes*
gene duplication of isozymes, 112
Synaptonemal complex
complements
method for production, lily and mouse, 197

T

Téf
inheritance of phenotypic traits
lemma color, 62
panicle form, 67
seed color, 65
Tetrasomic inheritance
*Heuchera micrantha*, 123
*Theobroma cacao*
ploidy level, 464
Thylakoid membranes
polypeptides
plastid inheritance, *Oenothera*, 412

Tobacco
genetic analysis of transgenic plants
liposome-mediated transformation, 361
*Tribolium castaneum*
experimental test
optimum and desired-gains indexes, 48
*Trifolium pratense*
*see* Clover, red
Triosephosphate isomerase
duplicated plastid and triplicated cytosolic isozymes
maize, 218
Triticale
barley and
meiotic study of hybrids, 460
*Troglodytes aedon*
*see* Wren
Tryptophan
orange pericarp in maize
filial expression, maternal tissue, 229

U

*Uromyces appendiculatus*
phosphoglucomutase isozymes
crossing and selfing methods, 337

V

Vagina
imperforate
recessive mutation, mice, 478

W

Wren
house
multiple parentage in broods, 1

X

X chromosome
loci
inbreeding and coancestry, covariance between relatives, 137
snakeskin color pattern
guppy, 393
Y chromosome and
recombination, *Anopheles quadrimaculatus*, 496

Y

Y chromosome
inheritance of melanistic pigmentation
eastern mosquitofish, 387
Y-autosomal translocations
molecular evidence, owl monkeys, 259

Z

*Zea mays*
*see* Maize
Zein
monoclonal antibodies
discrimination of certain maize inbreds, genotypes, 17
*Zinnia angustifolia*
self-incompatibility, 368

# Author Index


A

Allard, R. W., 70
Anderson, S. G., 478
Angus, R. A., 387
Arruga, M. V., 85
Aycock, H. S., 17

B

Balyan, H. S., 460
Barnett, F. L., 159
Barnett, R. D., 504
Bechtel, E., 272
Bechtel, H. B., 272
Beckett, J. B., 218
Bell, G., 417
Bellini, C., 361
Below, F. E., 311
Berenbaum, M. R., 404
Berhe, T., 62, 65, 67
Bingham, E. T., 407
Boerma, H. R., 86
Bottino, P. J., 143
Bowley, S. R., 472
Boyle, T. H., 368
Branch, W. D., 155
Brown, A. H. D., 234
Bult, C. J., 82
Bunch, T. D., 150
Burger, Y., 490
Burns, J. A., 74
Burson, B. L., 24
Burton, G. W., 499
Bush, G. L., 277
Buttery, B. R., 486
Buzzell, R. I., 400

C

Caboche, M., 361
Cai, Q., 112
Campo, J. L., 48
Carracedo, M. C., 157
Carroll, B. J., 357
Casadesus, J., 335
Cheng, K. M., 268
Chilcote, C. A., 277
Chinnappa, C. C., 112
Clegg, M. T., 203
Cock, A. G., 91, 96
Coetzee, M., 403
Collier, G. E., 1
Craig, G. B., Jr., 53

D

Dean, M., 342
de la Roza, M. E., 44
Denlinger, D. L., 71
Deren, C. W., 327
Dewey, M. J., 264
Dickinson, D. B., 311
Dietz, A. B., 410
Douglass, J., 234
Dunn, T. B., 332

E

Eckhardt, R. B., 167
Eisen, E. J., 137, 478
Enomoto, S., 345
Esen, A., 17

F

Fedak, G., 460
Feder, J. L., 277
Fernando, A. A., 393
Fries, R., 401
Fritz, P. J., 464
Fuller, T. K., 447

G

Gabelman, W. H., 33
García-Florez, L., 157
García-Vázquez, E., 193
Gardner, C. O., 351
Garvin, D. F., 373
Gathman, A. C., 329
Gearhart, J. D., 442
Gentzbittel, L., 254
Gepts, P., 203, 455
Glicenstein, L. J., 464
Goodman, M. M., 218
Goujaud, J., 361
Govindaraju, D. R., 483
Gregory, E., 234
Gresshoff, P. M., 357
Gross, W. B., 249
Grossman, M., 137
Groth, J. V., 337
Guerche, P., 361
Guise, K. S., 475
Guo, M., 29
Guzmán, J., 44
Gwyn, J. J., 209

H

Hachtel, W., 412
Hagen, R. H., 179
Hamada, S., 383
Hamrick, J. L., 186
Hamrick, K. J., 186
Hanhart, C. J., 118
Hanna, W. W., 145
Harini, I., 80
Harris, M. J., 127
Harris, T. S., 259
Hasenkampf, C. A., 197
Hauser, M. E., 478
Hecht, N. B., 442
Hilbish, T. J., 264
Hoffman, D. L., 298
Huzar, C. K., 166

I

Innes, D. J., 6

J

Jenkin, M., 234
Jimenez, J., 335
Johnson, P., 442
Johnson, W. E., 447
Juriloff, D. M., 127

K

Kang, M. S., 415
Kat, P. W., 447

Kenrick, J., 240
Kerr, S. J., 332
Kiang, Y. T., 82, 169
Klein, K. K., 332
Knauft, D. A., 252
Knox, R. B., 240
Kock, R., 377
Koenig, R., 455
Kohel, R. J., 78
Komatsu, M., 132
Komatsuda, T., 345
Koornneef, M., 118

L

Lackie, S. M., 472
Lakshmi, N., 80
Lambrou, M., 147
Lamendin, H., 76
Lassner, M., 254
Lauber, J. K., 268
Lawrence, G. J., 234
Lee, S. H., 322
Lemke-Keyes, C. A., 316
Lesaint, C., 361
Leslie, J. F., 341
Levine, E., 404
Levine, L., 44
Liang, G. H., 159, 322
Lin, C. C., 246
Linde, D. C., 337
Lingrel, J. B., 246
Lomertin, P., 412
Louis, J. P., 104
Lutz, S. E., 264

M

Ma, N. S.-F., 259
Maciulis, A., 150
Martin, A., 249
Mathews, A., 357
Matthews, B., 143
Matthews, T. C., 53
Mayr, B., 147
McCormick, G. Y., 478
McGuire, R. K., 165
McGuire, T. R., 165
Meera Rao, P., 488
Mensher, S. H., 150
Merenlender, A. M., 377
Mikami, H., 132
Mitchell, S. E., 58, 496
Mohammad, K., 17
Mok, D. W. S., 29
Mok, M. C., 29
Monteagudo, L. V., 85
Moore, K. M., 252
Mori, M., 383
Morris, M. R., 62, 65, 67
Mosjidis, J. A., 166
Moutier, R., 76
Muehlbauer, F. J., 298
Murthy, N. S. R., 80

N

Nakajima, K., 345
Nelson, L. A., 62, 65, 67
Neuffer, M. G., 229
Newbold, R. R., 478
Ng, L. N., 393
Nicolas, P., 254
Norrmann, G. A., 24
Notter, D. R., 416
Novak, J. M., 160

O

O'Brien, S. J., 442, 447
Ohba, K., 291
Olvera, O., 44
Onishi, A., 132
Ostrowski, K., 76
Owen, R. E., 39

P

Page, D. C., 259
Palmer, R. G., 209, 304
Paris, H. S., 490
Park, S. J., 486
Peloquin, S. J., 468
Percival, A. E., 78
Pfahler, P. L., 504
Phang, V. P. E., 393
Pingitore, M., 143
Pitel, J. A., 483
Pomp, D., 478
Prakash, N. S., 80
Price, D. K., 1

Q

Quarin, C. L., 24
Quesenberry, K. H., 327
Quiros, C. F., 254

R

Raboy, V., 311
Ranganath, H. A., 488
Rao, Y. R., 80
Ray, D. T., 329
Reed, S. M., 74
Reese, P. F., Jr., 86
Reeves, R. H., 442
Rieseberg, L. H., 506
Ritchings, B. W., 324
Robinson, R., 163, 474
Rocheford, T. R., 351
Rockwell, R. F., 44
Roelfs, A. P., 337
Roland, D. A., 166
Rooney, W. L., 100
Roose, M. L., 373
Roy, B. A., 506
Rubio, J., 193
Ryder, O. A., 377

S

Sachs, M. M., 316
Samaha, R. R., 368
Sánchez-Refusta, F., 193
San Miguel, E., 157
Sasi, R., 246
Saxton, A. M., 165
Schleger, W., 147
Schmidt, J. W., 62, 65, 67
Schurig, G. G., 17
Scriber, J. M., 179
Seawright, J. A., 58, 496
Serikawa, T., 383
Shaw, E. M., 475
Shoffner, R. N., 475
Shyamala, B. V., 488
Siegel, P. B., 249
Simi, L. B., 246
Skorupska, H., 304
Slinkard, A. E., 320
Smith, G., 11
Smith, L. M., 160
Smith, S. E., 214
Soliman, K. M., 70
Soltis, D. E., 123
Soltis, P. S., 123
Somes, R. G., Jr., 493
Sorrells, M. E., 501
Souza, E., 501
Spielmann, A., 361
Stelly, D. M., 100
Stuber, C. W., 218

T

Talbert, L. E., 407
Tarquis, A., 254
Taylor, D. B., 425
Thiel, F., 118
Thompson, A. E., 329
Thompson, C. F., 1
Tracy, W. F., 324
Tsudzuki, M., 433
Tsumura, Y., 291
Tu, J. C., 400
Tully, T., 165

U

Uchida, K., 291

V

Váhala, J., 377
Vandenberg, A., 320
Vangilder, L. D., 160
van Schaik, N., 403
Van Valkenburgh, B., 447

Velasco, T., 48
Vidaver, A. K., 351
Volobouev, V. T., 284

W

Wagner, D. B., 483
Wagner, R. P., 503
Wahlsten, D., 11
Waines, J. G., 373
Wakasugi, N., 433
Wallace, B., 168
Wayne, R. K., 447
Weeden, N. F., 298
Wells, H. D., 145, 499
Wen, F., 159
Wendel, J. F., 218
Wernsman, E. A., 74
Whiteway, C. E., 163
Wilson, F. D., 482
Wilson, J. P., 499
Wolyn, D. J., 33
Womack, J. E., 410
Woodruff, D. S., 377
Woolf, C. M., 173
Wright, A. D., 229

Y

Yamada, J., 383
Yamada, T., 383
Yeatman, C. W., 483
Yelick, P., 442
Yerk, G. L., 468

Z

Zangerl, A. R., 404